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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/802,710	03/17/2004	David M. Ziemann	14846-37

28221
GLEN E. BOOKS, ESQ.
LOWENSTEIN SANDLER PC
65 LIVINGSTON AVENUE
ROSELAND, NJ 07068

CONFIRMATION NO. 4813
FORMALITIES LETTER



OC000000012841924

Date Mailed: 06/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

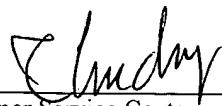
10902710

10902710

01 FC:1051 130.00 DA

*A copy of this notice **MUST** be returned with the reply.*

07/23/2004 WABDELR1 00000008 501358
01 FC:1051 130.00 DA



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/802,710
		Filing Date	March 17, 2004
		First Named Inventor	Ziemann et al.
		Art Unit	2171
		Examiner Name	TBD
Total Number of Pages in This Submission		Attorney Docket Number	14846-37

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Declaration & Power of Attorney (4 sheets -executed)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Post Card
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	JUSTIN D. PETRUZZELLI (REG. NO. 52,118) LOWENSTEIN Sandler PC 65 LIVINGSTON AVENUE, ROSELAND, NJ 07068
Signature	
Date	JULY 20, 2004

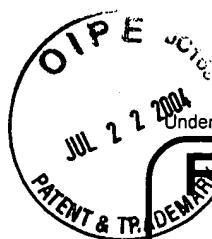
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the

Typed or printed name	KELLY BILLINGSLEY		
Signature		Date	JULY 20, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fee Transmittal for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
\$130.00

Complete if Known

Application Number	10/802,710
Filing Date	March 17, 2004
First Named Inventor	Ziemann et al.
Examiner Name	TBD
Art Unit	2171
Attorney Docket No.	14846-37

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number **501358**Deposit Account Name **LOWENSTEIN SANDLER PC**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	<input type="text"/>
1002	330	2002	165	Design filing	<input type="text"/>
1003	520	2003	260	Plant filing fee	<input type="text"/>
1004	750	2004	375	Reissue filing	<input type="text"/>
1005	160	2005	80	Provisional filing fee	<input type="text"/>
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	0	0.00
Independent Claims	- 3** =	0	0.00
Multiple Dependent		<input type="text"/>	<input type="text"/>

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		\$0.00		

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	<input type="text"/> 130.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
1053	130	1053	130	Non - English specification	<input type="text"/>
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<input type="text"/>
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
1251	110	2251	55	Extension for reply within first month	<input type="text"/>
1252	410	2252	205	Extension for reply within second month	<input type="text"/>
1253	930	2253	465	Extension for reply within third month	<input type="text"/>
1254	1,450	2254	725	Extension for reply within fourth month	<input type="text"/>
1255	1,970	2255	985	Extension for reply within fifth month	<input type="text"/>
1401	320	2401	160	Notice of Appeal	<input type="text"/>
1402	320	2402	160	Filing a brief in support of an appeal	<input type="text"/>
1403	280	2403	140	Request for oral hearing	<input type="text"/>
1451	1,510	1451	1,510	Petition to institute a public use proceeding	<input type="text"/>
1452	110	2452	55	Petition to revive - unavoidable	<input type="text"/>
1453	1,300	2453	650	Petition to revive - unintentional	<input type="text"/>
1501	1,300	2501	650	Utility issue fee (or reissue)	<input type="text"/>
1502	470	2502	235	Design issue fee	<input type="text"/>
1503	630	2503	315	Plant issue fee	<input type="text"/>
1460	130	1460	130	Petitions to the Commissioner	<input type="text"/>
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	<input type="text"/>
1806	180	1806	180	Submission of Information Disclosure Statement	<input type="text"/>
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
1801	750	2801	375	Request for Continued Examination (RCE)	<input type="text"/>
1802	900	1802	900	Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____					<input type="text"/>

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)****\$130.00**

SUBMITTED BY

Complete if applicable

Name (Print/Type)	JUSTIN D. PETRUZZELLI	Registration No. (Attorney/Agent)	52,118	Telephone	973-597-2500
Signature			Date	JULY 20, 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

14846-37

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Initial Application of:

ZIEMANN ET AL.

Application No.: 10/802,710

Filed: March 17, 2004

For: NAVIGATION OF TREE DATA
STRUCTURES

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:
Examiner: NYA

)
:
Group Art Unit: 2171

)
:
:

)
:
July 20, 2004

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE
MISSING PARTS OF NONPROVISIONAL APPLICATION**

Sir:

Applicants have received a Notice To File Missing Parts Of Nonprovisional Application dated June 2, 2004 for the above-identified application. A copy of this Notice is enclosed. Also enclosed is the executed oath required by such Notice. The Commissioner is authorized to charge the \$130.00 surcharge to Deposit Account 501358.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 20, 2004

Date of Deposit

Kelly Billingsley

Name

Kelly Billingsley

Signature

July 20, 2004

Date of Signature

Applicants' undersigned attorney may be reached by telephone at (973) 597-2500.

All correspondence should continue to be directed to our address listed below.

Respectfully submitted,



Justin D. Petruzzelli
Attorney for Applicants

Registration No. 52,118

DOCKET ADMINISTRATOR
LOWENSTEIN SANDLER PC
65 Livingston Avenue
Roseland, NJ 07068